

EC-Type Examination Certificate

No. M6A 020132 0245 Rev. 01

Holder of Certificate:	Pilz GmbH & Co. KG Felix-Wankel-Str. 2 73760 Ostfildern GERMANY
Product:	Safety components Safety Sensor Interfaces
Model(s):	PDP
Parameters:	Power supply: 24VDC Operating temperature: -10°C to +55°C Protection class: IP20/ IP40/ IP54 (installed)

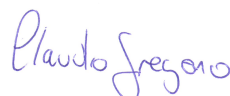
The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in report PO84167T in the current valid revision.

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: PO96615C

Valid until: 2026-05-31

Date, 2021-06-02



(Claudio Gregorio)



Product Service

CERTIFICATE

No. Z10 020132 0244 Rev. 01

Holder of Certificate: **Pilz GmbH & Co. KG**

Felix-Wankel-Str. 2
73760 Ostfildern
GERMANY

Certification Mark:



Product: **Safety components
Safety Sensor Interfaces**

Model(s): **PDP**

Parameters: Power supply: 24VDC
Operating temperature: -10°C to +55°C
Protection class: IP20/ IP40/ IP54 (installed)

The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in report PO84167T in the current valid revision.

Tested according to: EN ISO 13849-1:2015 (up to Cat.4 PL e)
EN 62061:2005/A2:2015 (up to SILCL 3)
EN 60947-5-1:2017
EN 60947-5-3:2013

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: **PO96615C**
Valid until: 2026-05-31

Date, 2021-06-02

(Claudio Gregorio)



Liste der Varianten der Sicherheitssensor - Schnittstellen PDP

List of variants
of safety sensor interface family
PDP

Hersteller / Manufacturer:

Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
D-73760 Ostfildern
Germany

Bericht-Nr. / Report no: PO84167T

Revision 1.3
2021-12-01

Prüfstelle / Test body:

TÜV SÜD RAIL GmbH
Rail Automation

Zertifizierungsstelle / Certification body:

TÜV SÜD Product Service GmbH
Ridlerstraße 65
D-80339 München

Seite/Page 1 von/of 4



Inhalt / content:

Seite / Page

1 Sicherheitssensor - Schnittstelle / Safety sensor interface 3

Änderungshistorie / Change history:

Version	Name	Datum / Date	Änderungen / Changes
1.3	Wolfgang Mayer	2021-12-01	PO97688T alternativer Gehäusekunststoff/ alternative enclosure plastic

Änderungen zur Vorgängerversion / Changes to the previous version:

Kapitel Chapter	Type Device	Bemerkung / Remarks
1	PDP20 F 4 mag, 773310	PO97688T alternativer Gehäusekunststoff/alternative enclosure plastic



1 Sicherheitssensor - Schnittstelle / Safety sensor interface

Typ / Type	Sach-Nr. ¹ Oder No.	Version	Internal Test- Report	Sicherheitsrelevante Strompfade Safety related circuits					Bemerkung Remark
				Unverzögerte Kontakte Undelayed contacts					
				Safety Output	PFH _D	SIL CL ²	Cat	PL ²	
PDP20 F 4 mag 24VDC	773310	1.0/ R02	PO96615C V1.0 PO84166T V1.0 PO91342T V1.0 PO96723T V1.0 PO97688T V1.0	00-01	3,44·10⁻⁰⁹	3	4	e	Zweikanaliger Takteingang und zweikanaliger Halbleiterausgang / 2 channel pulse input and 2 channel semi conductor outputs
					3,72·10⁻⁰⁹	3	4	e	Zweikanalige Kaskadierung und zweikanaliger Halbleiterausgang / 2 channel cascading and 2 channel semi conductor outputs



2 Anmerkungen / Comment

¹ Sachnummer / Order No.

Kann durch Zeichen im Bereich 00...99 und AA...ZZ ergänzt sein.
Can be added by Character in range 00...99 and AA...ZZ.

² Sicherheitskennwerte / Safety characteristics

SIL CL:	Maximal erreichbarer Safety Integrity Level entsprechend EN / IEC 62061 Maximum obtainable Safety Integrity Level according EN / IEC 62061
PL:	Maximal erreichbarer Performance Level entsprechend EN 13849-1 Maximum obtainable Performance Level according EN 13849-1.

	Freigabe Prüfstelle: Release by Test Body:	Freigabe Zertifizierstelle: Release by Certification Body:
Datum: Date:	2021-12-01	2021-12-01
Unterschrift: Signature:	 Digital unterschrieben von Wolfgang Mayer Datum: 2021.12.02 07:20:05 +01'00'	 Digital signiert von Claudio Gregorio Datum: 2021.12.02 08:57:03 +01'00'